





# DAVID RANZOLIN

Data is my craft; I am an expert data analyst, skilled R developer, and GIS specialist. While my first love was the humanities, after school I learned that writing code was more fun than writing papers.

## EXPERIENCE

- current  
|  
2022
- **Senior Data Analyst**  
Office of Economic and Workforce Development  San Francisco, CA
    - Plan, organize, and conduct analytical work
    - Define and operationalize key program metrics and indicators
    - Evaluate impact of existing and newly enacted programs
- 2022  
|  
2019
- **Senior Institutional Research Analyst**  
San Francisco State University  San Francisco, CA
    - Lead analyst and developer of internal R packages
    - Architect for small ETL projects.
- 2019  
|  
2014
- **Data Analyst**  
UCSC Extension Silicon Valley  Santa Clara, CA
    - Gathered, cleaned, and visualized data; performed analytical studies on a variety of policies and programs; Assisted the Senior Business Analyst with ETL solutions. Cognos Analytics report author and trainer. Data Governance Group Chair. Knowledgebase Administrator.

## EDUCATION

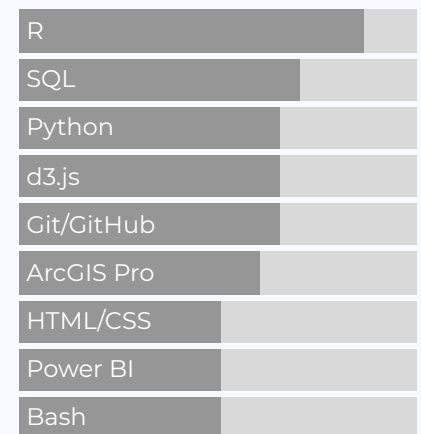
- 2022  
|  
2020
- **M.S. in Geographic Information Science (15/30 units)**  
San Francisco State University  San Francisco, CA
- 2013  
|  
2011
- **Master of Theological Studies**  
Emory University  Atlanta, GA
    - Student Ambassador
- 2009  
|  
2005
- **B.A. English, B.A. Religious Studies**  
Pacific Union College  Angwin, CA
    - Emphases in Writing and History
    - Sigma Tau Delta Honors English Society



## CONTACT

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## LANGUAGE SKILLS



*Last updated on 2022-11-07.*



## AWARDS

- 2015 ● **Staff Appreciation and Recognition (STAR)**  
UCSC Extension Silicon Valley
- 2014 ● **Staff Appreciation and Recognition (STAR)**  
UCSC Extension Silicon Valley
- 2013 ● **Myki Mobley Award**  
Emory University



## TALKS

- 2022 ● **Harnessing NCHA and IR Data for Campus Health and Educational Equity**  
California Association for Institutional Research      📍 La Jolla, CA
- 2020 ● **Building {htmlwidgets}**  
California Association for Institutional Research      📍 San Diego, CA
- 2019 ● **Building Internal R Packages**  
California Association for Institutional Research      📍 Monterey, CA
- 2019 ● **Commute Distance and Student Success**  
California Association for Institutional Research      📍 Monterey, CA
- 2018 ● **Improving the Student's Digital Experience**  
Jenzabar Annual Meetings      📍 Nashville, TN
- 2016 ● **R for Everything: Getting, Cleaning, and Visualizing Data**  
California Association for Institutional Research      📍 Los Angeles, CA



## VOLUNTEERING

- 2018 | 2015 ● **Staff Advisory Board Member**  
UC Santa Cruz      📍 Santa Cruz, CA
- 2015 | 2014 ● **GED/Literacy Tutor**  
Elmwood Correctional Facility      📍 Milpitas, CA
- 2012 ● **Instructor**  
Lee Arrendale State Prison      📍 Alto, GA
- 2011 ● **Teacher Assistant**  
New American Pathways      📍 Clarkston, GA



## SELECTED R PACKAGES

- **ViewPipeSteps**  
Create View() tabs for each %>% (v 0.1.0 on CRAN)
- **hacksaw**  
Extra tidyverse-like functionality (v 0.0.2 on CRAN)
- **rcanvas**  
R client for the Canvas LMS REST API
- **rperseus**  
R interface to the Perseus Digital Library (rOpenSci reviewed)
- **compareBars**  
Simplify comparative bar charts with d3.js
- **pinpoint**  
Interactively explore a distribution with d3.js
- **freshAirAppFinder**  
Find closest route to a location under an AQI threshold. Shiny app bundled inside a package using GitHub Actions.